

Abstract of the Disclosure

A method of forming battery grids or plates that includes the step of mechanically reshaping or refinishing battery grid wires to improve adhesion 5 between the battery paste and the grid wires. The method is particularly useful in improving the paste adhesion to battery grids formed by a continuous battery grid making process (such as strip expansion, strip stamping, continuous casting) that produces grid wires and nodes 10 with smooth surfaces and a rectangular cross-section. In a preferred version of the method, the grid wires of battery grids produced by a stamping process are deformed such that the grid wires have a cross-section other than the rectangular cross-section produced by the stamping 15 process. The method increases the cycle life of a battery.